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Luciferase as Caspase Substrate

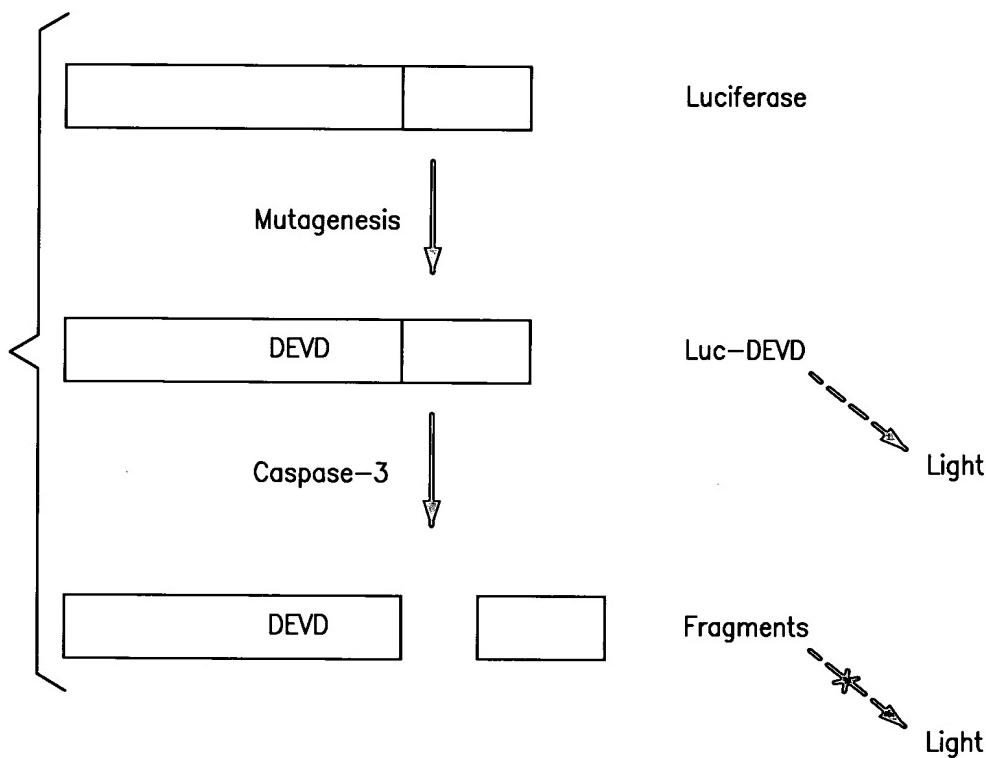


FIG. 1



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Caspase-3 Assay Using GST-RLuc-EEFA as Substrate

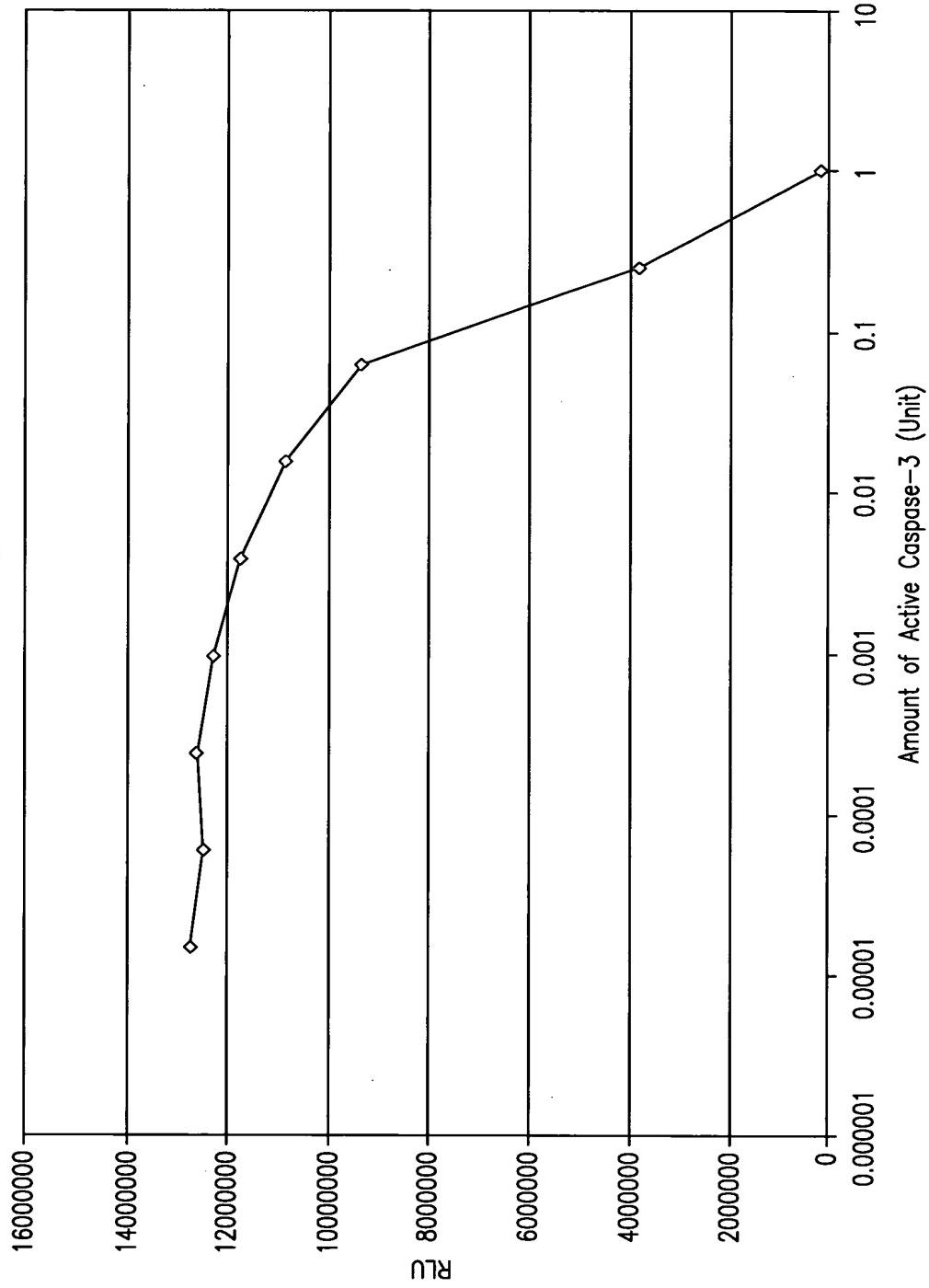


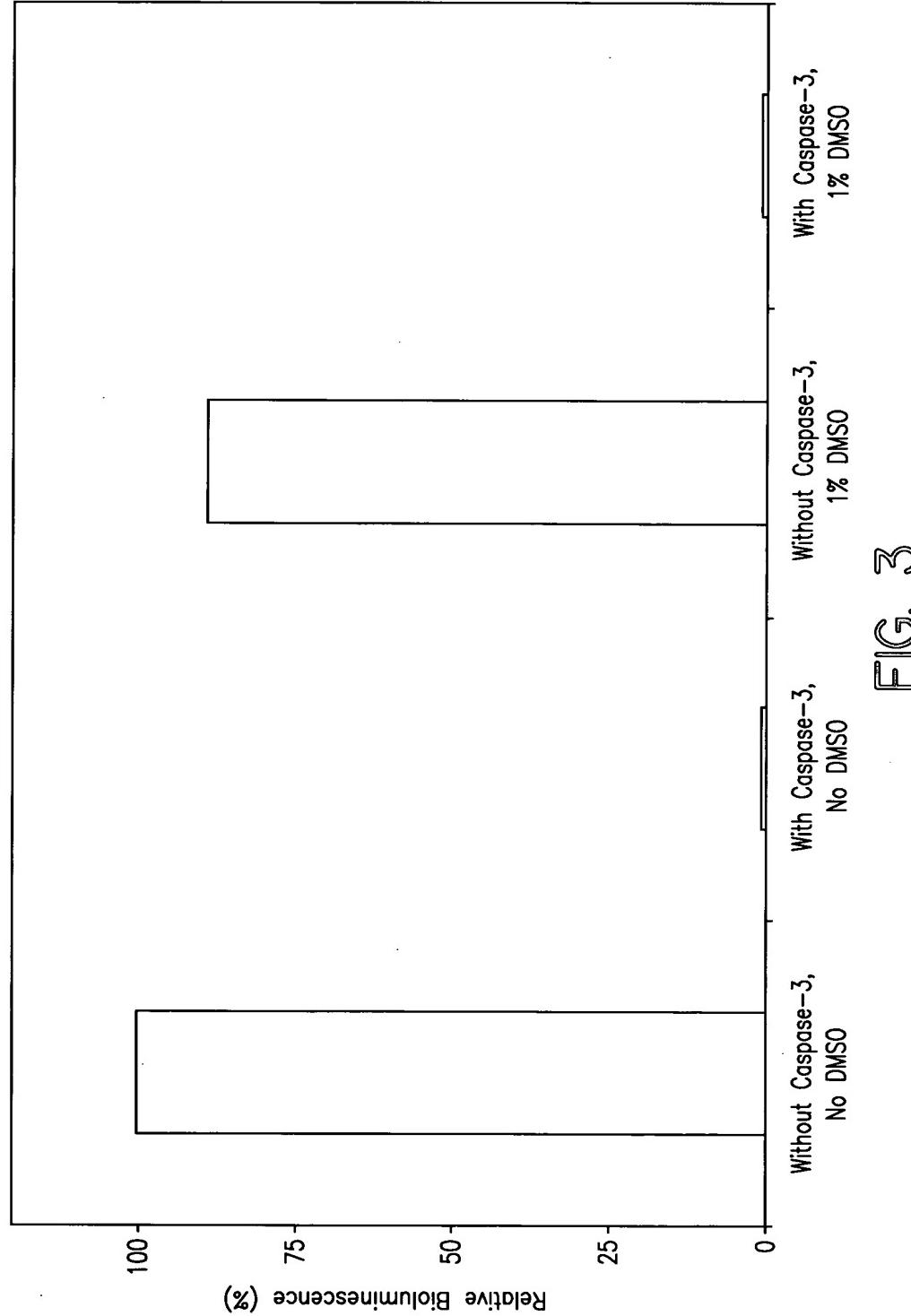
FIG. 2



APPLICANT(S): Jay Leng
TITLE: PROTEASE SPECIFIC CLEAVABLE LUCIFERASES
AND METHODS OF USE THEREOF
Application No.: 09/619,047 File Date: July 16, 2004
Docket No.: CHEM1110

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DMSO Effect on Caspase-3 Assay using
GST-RLuc-EEFA as Substrate





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Cycloheximide-induced Caspase-3 Activation in Jurkat Cells

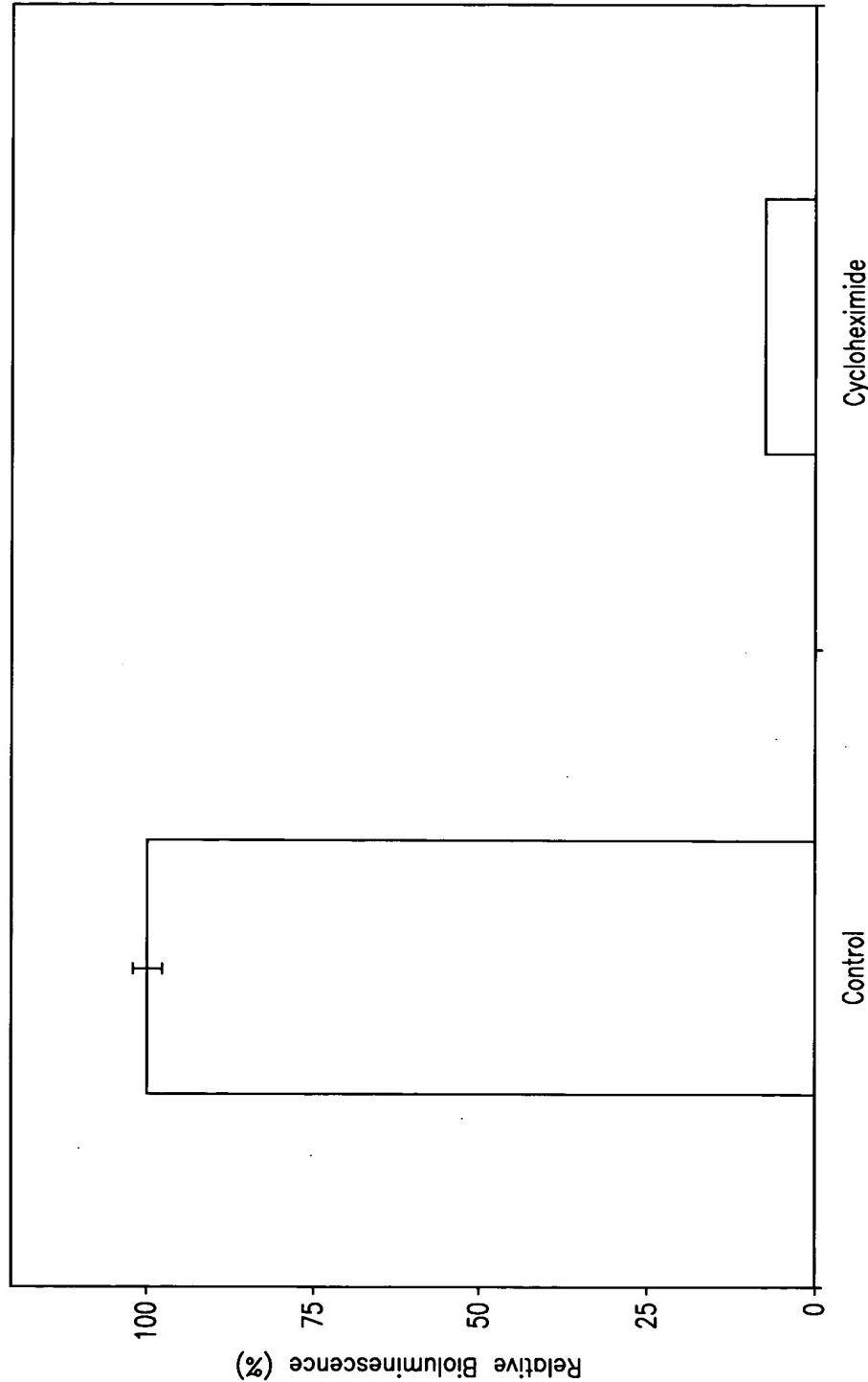


FIG. 4

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Caspase-3 Cleavage of GST-RLuc

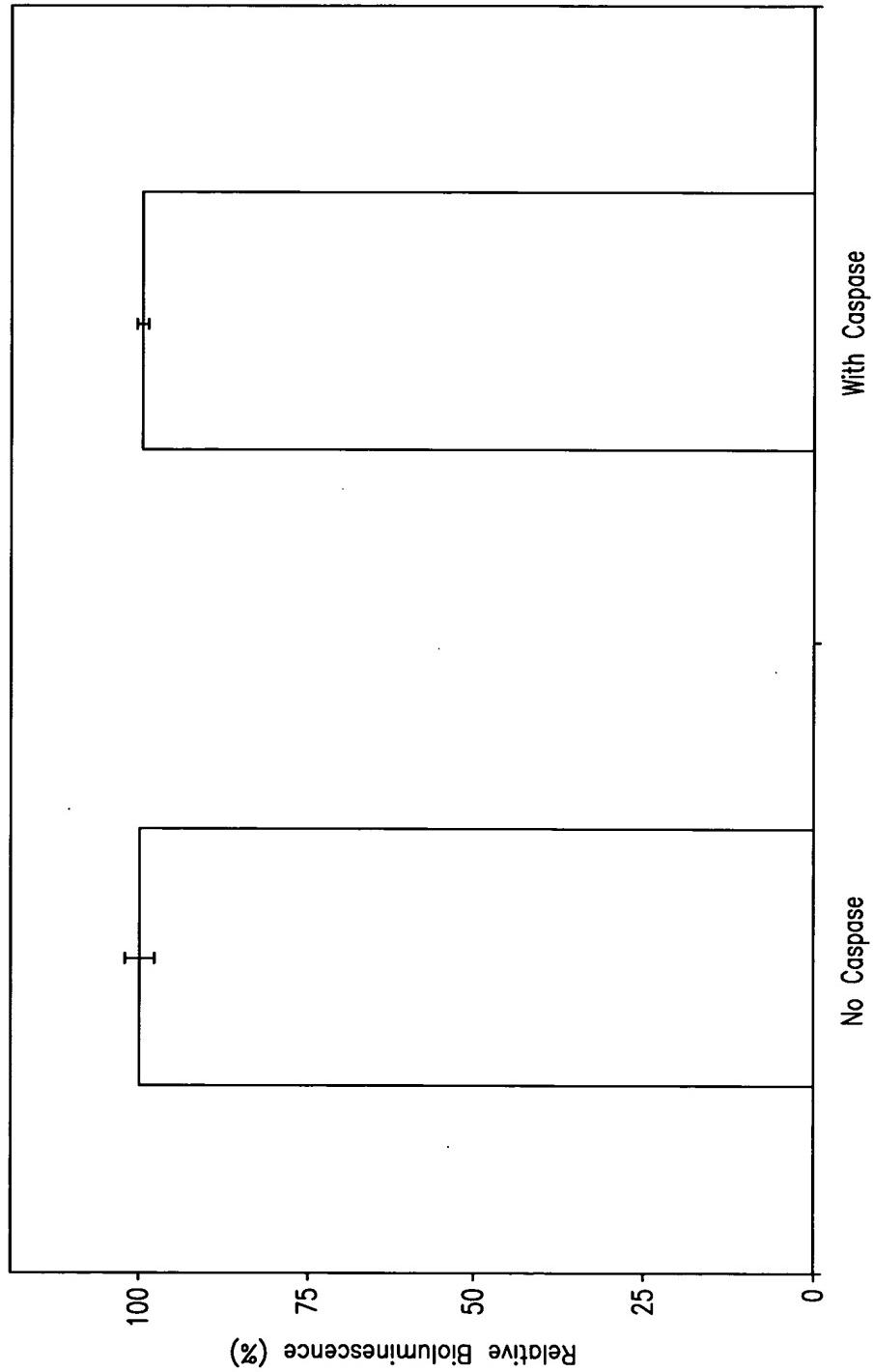


FIG. 5



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Bioluminescence Activity of GST-RLuc-EEFA

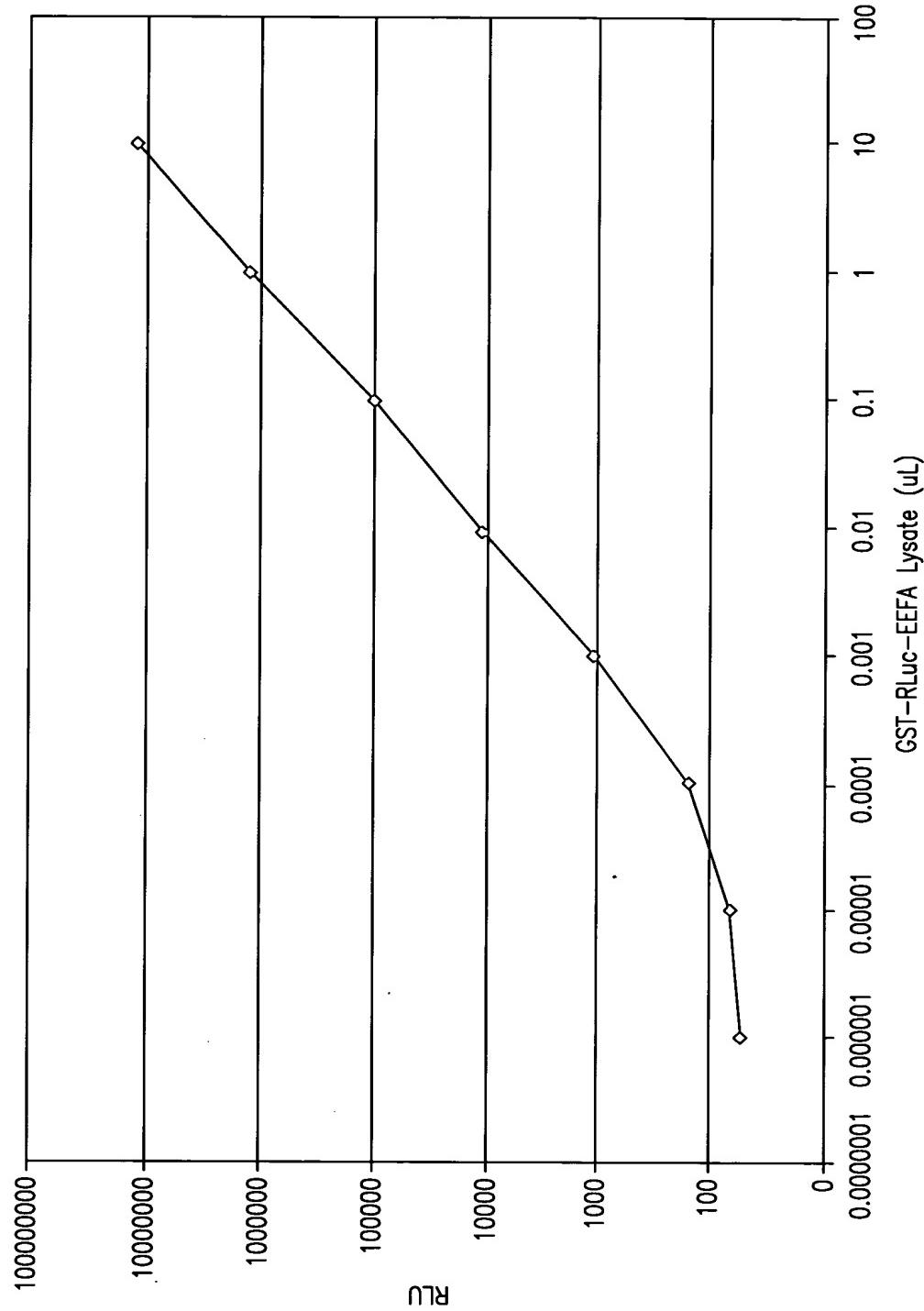


FIG. 6